

## **DEPARTMENT OF TRANSPORTATION**

### **Federal Aviation Administration**

#### **14 CFR Part 39**

**[Docket No. 2002-NM-187-AD; Amendment 39-13203; AD 2003-13-03]**

**RIN 2120-AA64**

### **Airworthiness Directives; Boeing Model 767-200 and 767-300 Series Airplanes**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule.

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**SUMMARY:** This amendment adopts a new airworthiness directive (AD), applicable to certain Boeing Model 767-200 and 767-300 series airplanes, that requires modification of the installation of the aft pressure bulkhead-to-floor insulation blankets. The actions specified by this AD are intended to prevent interference with venting during a rapid decompression in the bulk cargo compartment; such interference could cause damage to the floor structure and damage to certain control cables leading to the empennage, which could result in reduced controllability of the airplane. This action is intended to address the identified unsafe condition.

**DATES:** Effective July 29, 2003.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of July 29, 2003.

**ADDRESSES:** The service information referenced in this AD may be obtained from Boeing Commercial Airplane Group, P.O. Box 3707, Seattle, Washington 98124-2207. This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** Suzanne Masterson, Aerospace Engineer, Airframe Branch, ANM-120S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 917-6441; fax (425) 917-6590.

**SUPPLEMENTARY INFORMATION:** A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain Boeing Model 767-200 and 767-300 series airplanes was published in the Federal Register on

December 11, 2002 (67 FR 76120). That action proposed to require modification of the installation of the aft pressure bulkhead-to-floor insulation blankets.

## **Comments**

Interested persons have been afforded an opportunity to participate in the making of this amendment. Due consideration has been given to the comments received.

### **Request To Change Compliance Time**

Two commenters ask that the compliance time for the modification specified in the proposed AD be changed, as follows.

The first commenter asks that the compliance time be changed from 60 months to 84 months and states that the compliance times in the referenced service bulletin and the proposed AD are different. The commenter notes that the service bulletin specifies doing the modification during the next heavy maintenance check when the aft galleys are removed, and that such checks are done every 6 years. However, the proposed AD specifies doing the modification within 5 years after the effective date of the final rule. The commenter adds that the galleys on its airplanes are removed every 10 years for galley restoration and to facilitate structural inspections, per Maintenance Planning Document (MPD) Task CP53-200-04I. This task requires an initial inspection of the floor support structure under the galleys at 10 years, and at 5-year intervals after the initial inspection. The commenter states that the galleys are not removed every 6 years as called out in the "Clarification of Compliance Time" paragraph in the proposed AD.

The second commenter asks that the compliance time be changed from 60 months to 72 months and states that it requires a 72-month compliance time for doing the modification. The commenter adds that the effectivity in the referenced service bulletin was specifically revised to read "\* \* \* the next heavy maintenance check when aft galleys are removed." The commenter notes that a 60-month compliance time will require it to schedule airplanes outside of regularly scheduled maintenance checks, or do the modification at an earlier check at considerable cost to the airline.

We agree with the commenters. We find that the commenters provided sufficient justification for extending the compliance time for modifying the installation of the aft pressure bulkhead-to-floor insulation blankets. The commenters also provided data to show that the majority of affected operators do the heavy maintenance check of the aft galleys at intervals that exceed the proposed 60-month compliance time. Thus, we have determined that the modification may be deferred until 7 years (84 months) after the effective date of this AD without jeopardizing the continued safety of the airplane fleet. The compliance time specified in paragraph (a) of this final rule has been changed accordingly.

### **Request To Change a Certain Section in Preamble**

One commenter asks that the section in the preamble of the proposed AD titled "Clarification of Compliance Time" be changed to state that the heavy maintenance checks are done every 10 years, and that the modification should be done within 7 years after the effective date of the AD.

Although we acknowledge and agree with the commenter's remarks on the section in the preamble of the proposed AD titled "Clarification of Compliance Time," that section is not restated in this final rule. Therefore, no change to the final rule is necessary in this regard.

### **Request To Exclude Freighter Airplanes From Applicability**

Two commenters ask that the applicability in the proposed AD be changed to exclude Model 767 freighter airplanes, as follows.

The first commenter states that the effectivity in the referenced service bulletin applies only to Model 767 passenger airplanes, and notes that freighter airplanes are not affected. The commenter adds that the word "passenger" should be added to the Discussion section of the proposed AD. The commenter also asks that the Cost Impact section be changed to remove the freighter airplanes from the total number of U.S.-registered aircraft, which would reduce the cost impact for U.S. operators.

The second commenter states that the information in the applicability section of the proposed AD contradicts the effectivity specified in the referenced service bulletin, and should be clarified. The commenter notes that the applicability in the proposed AD specifies Model 767-200 and -300 series airplanes, certificated in any category; however, the effectivity in the service bulletin specifies Model 767-200 and -300 passenger airplanes only.

Both commenters state that the Model 767 freighter airplane has different venting and decompression characteristics than the passenger airplane. The commenters add that the difference is in the location of the aft galley in the passenger airplane, which causes the airflow between the floor and the aft bulkhead to be different from that in freighter airplanes.

We agree with the commenters that the applicability section should be clarified; however, not in the manner proposed. Per the Model 767 Type Certificate Data Sheet, which specifies Model 767-200, -300, and -300F series airplanes, the proposed AD clearly does not include Model 767-300F (freighter) airplanes in the applicability.

However, as the line numbers are listed and have confused some operators, we have clarified the applicability in this final rule to specify "Model 767-200 and -300 series airplanes as listed in Boeing Service Bulletin 767-25A0300, Revision 1, dated May 2, 2002. \* \* \*" In addition, we have removed the freighter airplanes from the total number of U.S.-registered aircraft in the Cost Impact section. However, although we acknowledge and agree with the first commenter's remarks on the Discussion section of the proposed AD, that section is not restated in this final rule. Therefore, no change to the final rule is necessary in that regard.

## **New Part Numbers**

One commenter states that the manufacturer has not created new part numbers for all of the affected insulation blankets and is still shipping parts in the old configuration that preceeded the new configuration specified in the referenced service bulletin.

Although we acknowledge the commenter's concern, we do not agree. Figure 1 (Insulation Blanket Modification) of Boeing Service Bulletin 767-25A0300, Revision 1, specifies that the insulation blankets are to be re-marked with new part numbers. No change to the final rule is necessary in this regard.

## **Conclusion**

After careful review of the available data, including the comments noted above, the FAA has determined that air safety and the public interest require the adoption of the rule with the changes previously described. The FAA has determined that these changes will neither increase the economic burden on any operator nor increase the scope of the AD.

## **Cost Impact**

There are approximately 739 airplanes of the affected design in the worldwide fleet. The FAA estimates that 296 airplanes of U.S. registry will be affected by this AD, that it will take approximately 3 work hours per airplane to accomplish the modification, and that the average labor rate is \$60 per work hour. Required parts will cost approximately \$397 per airplane. Based on these figures, the cost impact of the AD on U.S. operators is estimated to be \$170,792, or \$577 per airplane.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions.

### **Regulatory Impact**

The regulations adopted herein will not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that this action (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and (3) will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act. A final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained from the Rules Docket at the location provided under the caption ADDRESSES.

### **List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

### **Adoption of the Amendment**

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

### **PART 39—AIRWORTHINESS DIRECTIVES**

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

#### **§ 39.13 [Amended]**

2. Section 39.13 is amended by adding the following new airworthiness directive:

# AIRWORTHINESS DIRECTIVE



Aircraft Certification Service  
Washington, DC

U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

*We post ADs on the internet at "www.faa.gov"*

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR) part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference 14 CFR part 39, subpart 39.3).

**2003-13-03 Boeing:** Amendment 39-13203. Docket 2002-NM-187-AD.

**Applicability:** Model 767-200 and -300 series airplanes, as listed in Boeing Service Bulletin 767-25A0300, Revision 1, dated May 2, 2002; certificated in any category.

**Note 1:** This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (b) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent interference with venting during a rapid decompression in the bulk cargo compartment, which could cause damage to the floor structure as well as damage to certain control cables leading to the empennage, and could result in reduced controllability of the airplane, accomplish the following:

## Modification

(a) Within 7 years after the effective date of this AD: Modify the installation of the aft pressure bulkhead-to-floor insulation blankets, in accordance with the Accomplishment Instructions of Boeing Service Bulletin 767-25A0300, Revision 1, dated May 2, 2002.

## Alternative Methods of Compliance

(b) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Seattle Aircraft Certification Office (ACO), FAA. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Seattle ACO.

**Note 2:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Seattle ACO.

## **Special Flight Permits**

(c) Special flight permits may be issued in accordance with §§ 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

## **Incorporation by Reference**

(d) The actions shall be done in accordance with Boeing Service Bulletin 767-25A0300, Revision 1, dated May 2, 2002. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Boeing Commercial Airplane Group, P.O. Box 3707, Seattle, Washington 98124-2207. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

## **Effective Date**

(e) This amendment becomes effective on July 29, 2003.

Issued in Renton, Washington, on June 16, 2003.

Kalene C. Yanamura,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 03-15596 Filed 6-23-03; 8:45 am]

BILLING CODE 4910-13-P